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Mallinckrodt Inc.

<120> Dye-Bioconjugates for Simultaneous Optical Diagnostic and Therapeutic Applications

<130> MRD-75

<140>

<141> 2002-02-07

<160> 8

<170> PatentIn Version 3.1

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<212> PRT
<213> Artificial Sequence

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<222> (1)...(8)

<223> Xaa at location 1 represents D-Phe. Artificial sequence is completely synthesized.

<223> Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized.

<223> Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.

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<223> Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized.

<223> Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.

<223> Xaa at location 8 represents Thr-OH. Artificial sequence is completely synthesized.

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Xaa Xaa Tyr Xaa Lys Thr Xaa Xaa
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<222> (1)...(11)
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<223> Cholecystokinin octapeptide analogs

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<223> Xaa at locations 3 and 6 represents Norleucine. Artificial sequence is completely synthesized.

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<223> Xaa at locations 3 and 6 represents Norleucine. Artificial sequence is completely synthesized.

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Xaa Pro Arg Arg Pro Tyr Ile Leu
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